

SERGEI SAVCHIS

Node.js & TypeScript Backend Developer



CONTACTS

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SUMMARY

I am a passion-driven developer with 4+ years of overall experience. My current specialization is backend development with Node.js & TypeScript, however, I'm open to exploring other areas of software engineering.

WHAT CAN I OFFER

- I'm ready to add new functionality to your product, solve existing problems, and provide support for the inevitable legacy parts.
- I prefer creating good and clean code following SOLID and DRY principles, with flexible and efficient architectural solutions. I believe that the internal quality of the product affects the success in the business aspect.
- I'm a team player, non-toxic, and ready to fit your corporate culture. I appreciate the atmosphere of mutual respect, trust, and goodwill on the way to common goals.

SKILLS

CORE

- Node.js
- TypeScript
- NestJS framework

COMMON TOOLS AND PROTOCOLS

- NATS, WebSockets, JWT
- Redis
- Jest for unit-tests
- Git
- io-ts, fp-ts

STUDIED, BUT NO WORK EXPERIENCE

- Rust
- GTK & gtk-rs
- React UI frameworks (Material-UI, Ant, Chakra)
- RabbitMQ
- Go

DATABASES & ORM

- PostgreSQL
- TypeORM
- Knex
- MongoDB, PouchDB (*Limited experience*)

HAVE LIMITED EXPERIENCE

- React, React Native & Redux
- Google Cloud Functions
- GraphQL
- Kubernetes
- Docker & Podman
- Sails.js

EXPERIENCE

Spargo Technologies

 Dec 2021 – Present  Moscow, Russia

Product: B2B pharmaceutical platform for manufacturers and sellers of medicines

Tech stack: Node.js, TypeScript, PostgreSQL, TypeORM, Nest.js, JWT, JSON-RPC

My role:

- Took part in development of a new product from an early stage
- Designed new modules and features from scratch
- Supported 5 integrations with complex external systems
- Made optimization and refactoring of existing code:
 - Accelerated several complex API operations and SQL queries to be up to 10 times faster
 - Added Redis cache for integration that had performance issues
 - Refactored huge legacy part into tiny, reusable and replaceable modules
- Successfully mentored a less experienced developer so that he has become better than me :)

R-Vision

 Feb 2019 - Nov 2021  Moscow, Russia  defensys.com / rvision.ru

Product: Comprehensive software platform for incident response automation, security management and cybersecurity risk and compliance control

Tech stack: Node.js, TypeScript, PostgreSQL, Knex, Nest.js, Sails.js, NATS, WebSockets, Docker

My role:

- Moving out parts of monolithic application to Nest.js & NATS-based microservices
- Deep refactoring of legacy code, with migration to TypeScript
- Development of new modules and features
- Received special gratitude for fixing two dozens of bugs before important release (and my team has achieved the best opened / closed bugs statistics after that)

Remote Assembly

 Jul 2018 - Mar 2019  Remote for Estonia-based company

Product: Point of sales application for Android and iOS with Node.js & Google Cloud serverless backend part

Tech stack: Node.js, React Native, Redux, Google Cloud, Couch DB, PouchDB

My role:

- Bug fixes and development of new features for React Native client application
- Minor features development for backend part based on Google Cloud Functions

Palitrum Lab

 Jul 2017 - Oct 2018  Moscow, Russia

Product: System for automated monitoring and analysis of social media content

My role:

- Development and support of templates and scripts for automated analysis of websites content

EDUCATION

Murmansk State Technical University

📅 Sep 2018 - Nov 2020 (*unfinished*)

Incomplete higher education (no degree awarded) in «Informatics and computer engineering»

FEW WORDS ABOUT ME

I got interested in software development long ago, in the 8th grade of school. Then my dream changed from being a painter to developing myself in another area of art. And to this day I'm sure that programming is a type of art, the art of working with abstractions and complexity management. I have never regretted my choice.

And the more I learn, the less I know. I feel that I'm only at the beginning of the path, and find it amazing always to see an uncharted field ahead. Let's go together!

